DATA SHEET

LIFEBOOK S6420

Get ready for your next business trip

Issue: November 2009

LIFEBOOK S6420

The LIFEBOOK S6420 is ideal for all business trips with its fantastic performance and genuine mobility. Weighing only 1.7 kg and with a 33.8 cm (13.3-inch) WXGA display and long battery life, it is easy to use all day long. The new integrated application buttons guarantee fast access to your personal applications. Integrated 3G/UMTS and an embedded ConfCam ensure trouble-free wireless connectivity.

Slim mobility

Enjoy permanent access to all your data thanks to a mobile device that is both easy and flexible to use.

- Lean, lightweight Notebook weighing only 1.7 kg with a 33.8 cm (13.3-inch) WXGA display, with up to 8.5 hours running time with a second accu

Ultimate connectivity

Available everywhere: wireless connectivity anytime, anywhere even if there is no hotspot nearby.

- Optional integrated 3G/UMTS, WLAN and Bluetooth

Reliable companion

Secure and effective working even for the most demanding of users in all situations.

- Spill-proof keyboard, shock sensor, magnesium lid and further innovative highlights

Flexible working

Adapt your notebook to various business environments and thus increase your business agility.

- Modular bay for a second battery or an optical drive

Maximum security

Protect your company data against unauthorized third-party access and benefit from our end-to-end anti-theft and system and user protection concept.

- Computrace® enabled BIOS, Fingerprint Sensor, TPM Modul und SmartCase Logon+

SIERRA WIRELESS EMPOWERED

ENERGY STAR

EPEAT SILVER

Green IT

BEST CONNECTIVITY

SYSTEM GUARDS

ULTIMATE SECURITY

FAMILY CONCEPT

2ND BATTERY

LIGHT WEIGHT

CONFCAM

TWINLOAD

Components

Processor	Intel® Core™2 Duo processor T9600 (2.8 GHz, 6 MB, 1066 MHz)
	Intel® Core™2 Duo processor P8800 (2.66 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz)
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
Hard disk drives (internal)	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T.
	160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, FDE-3, 2.5-inch S.M.A.R.T.
	128 GB SSD SATA, 2.5-inch S.M.A.R.T.
	80 GB SSD SATA, 2.5-inch S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
WLAN (optional)	Atheros Minicard b/g 802.11 b/g
	Intel® Wireless WiFi Link 5300 AGN 11/13ch
UMTS/HSUPA (optional)	Sierra Wireless MC8790 (downlink 7.2 MBit/s, uplink 2.0 MBit/s)
Bluetooth (optional)	Bluetooth 2.1
Modular bay options	2nd battery
	DVD Super Multi
	Weight saver

Base unit	**LIFEBOOK S6420, 13.3-inch WXGA**
General system information	
Chipset	Intel® GM45, ICH 9-M
BIOS features	BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM (DDR3)
Turbo memory	Optional 4 GB
Supported capacity RAM (max.)	4 GB
Memory notes	8 GB - with future memory modules.
Interfaces	
Memory card slots	1 (MS/SD/xD/MS-Pro)
PC Card slot (Type I/II)	1
SIM card slot	1
Modem (RJ-11)	1
USB 2.0 total	3
S-Video out (TV-out)	1
FireWire (IEEE1394)	1
VGA	1
Ethernet (RJ-45)	1
DC-in	1
Audio: line-in / microphone	1
Audio: line-out / headphone	1
Internal microphones	2
Docking connector for Port Replicator	1
Kensington Lock support	1
Wired communication	
Modem type	56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Marvell 88E8055

Wireless technologies	
Antennas	3 Dual band WLAN antennas, 2 UMTS antennas
Infrared link (Fast IrDa 1.1, 4 Mbps)	1
WLAN notes	Import and usage according to country-specific regulations.
Keyboard and pointing devices	
	Spillproof keyboard
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 3 mm
	TouchPad with two mouse buttons and scroll via fingerprint sensor Fingerprint sensor Application buttons Status LED
Multimedia	
Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones
Camera	Built-in webcam, 1.3 megapixel, VGA camera
Graphics	
Display	33.8 cm (13.3-inch) TFT 1280 x 800 pixel (WXGA) LED glare display
Max. resolution external display	1920 x 1200 / true color / 60 Hz
Graphics brand name	Mobile Intel® GMA 4500M HD
Graphics features	DualView (Windows XP & Windows Vista)
Power supply	
AC adapter	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz
1st battery	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
2nd battery (optional)	2nd Li-Ion battery 6 cell (Option), 2500 mAh, 25.3 Wh
Benchmark	Mobile Mark 2005
Runtime 1st battery	5 h (Mobile Mark 2005 reader workload)
Runtime 1st + 2nd battery	8.5 h (Mobile Mark 2005 reader workload)
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Power consumption	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=5b4ac52e-8324-4683-b833-492c5e3c3e11
Dimensions / Weight / Environmental	
Dimension (W x D x H)	314 x 234 x 22.4 - 33.5 mm
Weight	1.7 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 85 % (running)
Operating system	
Operating system optional preinstalled	Microsoft® Windows® 7 Professional 32-bit Microsoft® Windows Vista® Business 32-bit Microsoft® Windows Vista® Home Basic TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Professional
Operating system notes	Driver support for Microsoft® Windows® XP Professional

Additional Software	
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x (not available for Windows® 7 operating systems)
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) DVD playback software
Additional software (included as a CD/DVD)	SmartCase Logon+

Manageability	
Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html

Security	
Physical security	Kensington Lock support
System security	Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)
User security	Integrated Fingerprint Sensor Integrated SmartCard controller in PC Card with system lock support Hard disk password SystemLock BIOS SmartCard security SmartCase Logon+ incl. Fingerprint software User and supervisor BIOS password

Compliance	
Europe	CE CE!
USA/Canada	FCC Class B (depending on wireless configuration) CSA cUL UL
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 4.0 EPEAT® Silver Compliant with ISO 9241-307 (Pixel fault class II)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)	
DC-in	1

Portreplicator interfaces (optional)	
Power on switch	1
Headphones	1
Audio: microphone in	1
USB 2.0 total	4
VGA	1
DVI	1 (with HDCP Support)
Serial (RS-232)	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2

Possible Accessories	
Accessories included	Exclusive pouch

Warranty	
Standard Warranty	2 years
Service level	Collect & Return Service / Bring-In Service (depending on country)

Maintenance and Support Services - the perfect extension

Recommended Service	3 years, On-site Service
Spare Parts availability	5 years
Service Weblink	htttp://ts.fujitsu.com/Supportservice

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://ts.fujitsu.com/aboutus
Take back and Recycling information:
http://ts.fujitsu.com/recycling

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions November 2009

Published by
Fujitsu Technology Solutions
http://ts.fujitsu.com